Claims

The invention claimed is:

1. A method for the communication of message packets between nodes in a data processing system, said method comprising the steps of:

establishing a first set of communication parameters prior to message transmission time in a communications adapter connected to a first one of said nodes, said first set of communication parameters including a destination identifier;

establishing a second set of communication parameters prior to message transmission time in a communications adapter connected to a second one of said nodes, said second set of communication parameters including an entry which maps said destination identifier to an address in memory in said second node; and

transmitting a message packet with header information linking said packet to said first and second set of communication parameters, whereby data in said packet is transferred directly from memory locations in said first node directly to memory locations in memory at said second node.